

Converting Colors

Hex(E8B0FE)

Have a look what the booklet for
Hex(E8B0FE) contains.

Hex(E8B0FE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E8B0FE)

Conversions

Conversions Part 1

Format	Color
Hex	E8B0FE
RGB	232, 176, 254
RGB Percent	91%, 69%, 100%
CMY	0.0902, 0.3098, 0.0039
CMYK	0.09, 0.31, 0.00, 0.00
HSL	283°, 98%, 84%
HSV	283°, 31%, 100%
XYZ	66.6934, 55.3622, 100.9368
YIQ	201.6360, 8.3380, 36.1300

Conversions

Conversions Part 2

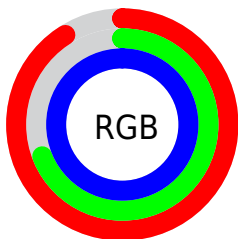
Format	Color
R _Y B	232, 176, 254
Decimal	15249662
CIE Lab	79.25, 33.75, -30.79
CIE LCh	79, 45.684, 317.628
Yxy	55.3622, 0.2991, 0.2483
Android (android.graphics.Color)	4293439742 (0xFFE8B0FE)
YUV	201.6360, 25.8155, 26.6292
Hunter-Lab	74.4058, 29.7878, -28.3471

Details

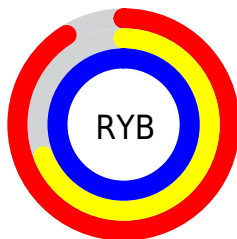
The Hex color **E8B0FE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C6FEB0**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFE8FF**, and **AF7BC5** is the 20% darker color. If you saturate the color by 10%, you get **E197FE**, and if you desaturate by 10%, it is **EFC9FE**.

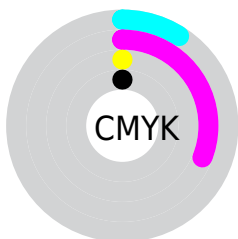
Distribution



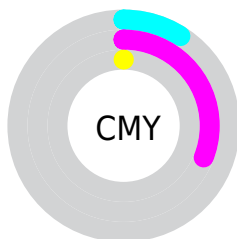
- Red (91%)
- Green (69%)
- Blue (100%)



- Red (91%)
- Yellow (69%)
- Blue (100%)



- Cyan (9%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E8B0FE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E8B0FE by changing the saturation by 10% instead.

 E8B0FE

FFFFFF

 FFE8FF

 E8B0FE

 CB95E1

 AF7BC5

 9461AA

 7A498F

 603175

 47195C

 2E0144

 1C002E

 000118

 E8B0FE

 E8B0FE

 E197FE

 EFC9FE

 DA7DFE

 F6E3FE

 D364FE

 FDFCFE

 CB4AFE

FFFFFFE

 C431FE

 BD18FE

 B600FE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AEC0FF



E8B0FE



FFA4D8

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E8B0FE



EFBC71



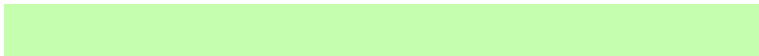
00DBDD

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E8B0FE



C6FEB0

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5CDAB1



E8B0FE



C7CA71

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E8B0FE



FFAD87



96D489



00D7FF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E8B0FE



FFA2BB



96D489



21DBCE

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E8B0FE



F9E8FF



B0C6FE



7C7180



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E8B0FE



E4A1FF



FEB0ED



7C7380



8900BF



2E0040

Inverse Universe

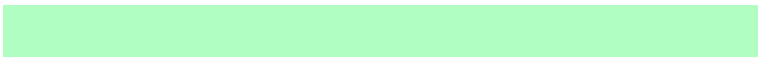
The Inverse Universe completely reimagines the original color for something new.



FEB0C6



FFA1BB



B0FEC1



807376



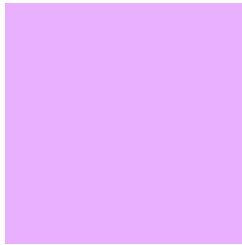
BF0036



400012

Previews

White Background



This preview shows how the Hex color E8B0FE looks on a white background.

Color Contrast Check

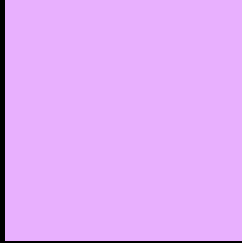
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color E8B0FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E8B0FE Background



This preview shows how black text looks on a background with the Hex color E8B0FE.



This preview shows how white text looks on a background with the Hex color E8B0FE.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
E8B0FE



Protanomaly
C7BBFF



Deuteranomaly
CBBBFC

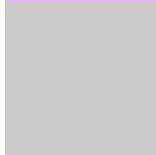


Tritanomaly
E3B6DC

Monochromacy



Original Color
E8B0FE



Achromatopsia
CACACA



Achromatomaly
D5C1DD

CSS Examples

Text

The CSS property to change the color of the text to Hex E8B0FE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E8B0FE looks like.

```
.text, #text, p{  
    color:#E8B0FE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E8B0FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8B0FE
}
```

Border

The CSS property to change the border of an element to Hex E8B0FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E8B0FE }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E8B0FE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E8B0FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8B0FE; -webkit-box-shadow:4px 4px  
4px 4px #E8B0FE; box-shadow:4px 4px 4px  
4px #E8B0FE }
```

Background

The CSS property to change the background color of an element to Hex E8B0FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8B0FE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E8B0FE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor